



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

1109 S. Marion Avenue
Lake City, Florida 32025-5874

STEPHANIE C. KOPELOUSOS
SECRETARY

July 9, 2010

To: Shortlisted Proposers

**Anderson Columbia/Connelly Wicker
Archer Western/Arcadis US Inc.
J. B. Coxwell/Parsons Transportation Group
Superior Construction/Jacobs Engineering**

Addendum No.: 11

**Project #: E2L64
Financial Project #213345-1-52-01 and 213345-1-56-01
Federal Project # 2955.281 I**

Title of Project: Federal Oversight project for Design Build for a new I-295 Interchange at Collins Road, and for the construction of a concrete collector-distributor road system, which includes capacity improvements for the Blanding Boulevard northbound on-ramp to I-295 southbound and for the resurfacing of Blanding Boulevard from the Clay County line to Collins Road.

The Request for Proposal issued June 3, 2010 shall be amended as follows on Page 5 of 64:

Ortega River Channel Protection

The Design/Build firm shall conduct ~~side-scan sonar~~ **hydrographic** mapping of the channel prior to any channel protection construction activities taking place and upon completion of the channel stabilization to document the existing and final conditions.

The Design/Build Firm shall provide all equipment and labor resources necessary to research and locate the existing primary control monuments, acquire hydrographic multibeam swath data along and around the existing bridges, 200' up and downstream from abutment to abutment. Hydrographic survey shall be presented to the department pre and post rip rap placement in a 3D format with contours based on a 1' grid.

The Design/Build Firm shall confirm and utilize as the horizontal datum the Florida State Plane Coordinate System, East Zone, North American Datum of 1983 (NAD83). The Design/Build Firm shall confirm and utilize as the vertical datum the National Geodetic Vertical Datum of 1988 (NAVD88). The horizontal precision of the GPS control shall conform to Federal Geographic Data Committee, Geospatial Positioning Accuracy Standards – part 4: Standards for A/E/C and Facility

Management (FGDC-STD-007.4-2002), Second-Order, Class I for all control points. The vertical accuracy of the control points shall conform to FGDC-STD-007.4-2002 standards for Second-Order, Class II elevation difference accuracy standards for relative positioning techniques.

Hydrographic data collected will conform to the horizontal and vertical precision requirements outline in Federal Geographic Data Committee, Geospatial Positioning Accuracy Standards – PART 4: Standards for A/E/C and Facility Management (FGDC-STD-007.4-2002). The Design/Build Firm shall follow the guidelines for collecting field data as outlined in the U.S. Army Corps of Engineers manual EM 1 110-2-1003 – Engineering and Design, HYDRAPHIC SURVEYING

- (i) Hydrographic Data Collection – Hydrographic Multibeam Swath data acquisition will occur along and around the existing bridge including all supporting foundation structures. Data will be acquired for an area encompassing the piers, pile bents, and retaining walls for the full bridge length, between bridges, and 200’ up and down stream for the I-295 over Ortega River Bridges.
- (ii) Multibeam swath data will be collected using a 150 degree multibeam swath sonar sounder operating at a transducer frequency of 200 KHZ. Data will be collected continuously to identify bottom conditions around each pile, pier, and retaining wall as water depths permit. Surveys in shallow water areas will be performed at high tide periods, where practical and perform the necessary amount of paths for a continuous 3D profile of the channel. Swaths, collected at a width of three times the water depth, will overlap adjacent sweeps by at least five feet. Calibration procedures will be performed and recorded according to USACE Hydrographic Surveying Manual EM-1110-2-1003. Positioning will be accomplished utilizing a Differential Global Positioning Systems (DGPS). Tide levels will be recorded at 5-minute intervals, collected from a monitoring staff established during control work. All work will be supervised by Florida Professional Surveyor and Mapper as well as an ACSM Certified hydrographer.

At the conclusion of surveying, field and office Quality Control, the Design/Build Firm shall deliver digital and hard copy drawings, graphically illustrating the results of the survey. Graphic images will be color coded at various elevation changes and contoured.

The Design/Build Firm shall add sufficient armoring and perform grading within the previous limits of stabilization to replace stone loss which occurred since a channel stabilization project (213349-2-52-01, see Volume II) was completed in 2005. The total project impact area and armored area for the Ortega River Channel Protection shall remain unchanged.

The primary permitting agency is the St Johns River Water Management District. Other agencies involved are the Florida Department of Environmental Protection and the U.S. Army Corps of Engineers. The necessary permits have been obtained by the fore mentioned agencies and are included in Appendix E. The waterway is non-navigable by U.S. Coast Guard (USCG); therefore, no USCG permit is required.

The Ortega River is a riverine controlled tributary to the St. John’s River with a drainage area of approximately 55.4 square miles.

Ortega River Channel Protection plans have been produced for this project and are located in the 100% plans (see Volume II) for informational purposes only. The Design/Build Firm will be responsible for developing, permitting, constructing an acceptable Ortega River Channel Protection plan.

Note: The 100% plans are included in Volume II of this RFP as a means of communicating intended design solutions that meet established environmental commitments, permit requirements (where permits exist), and are contained within the Department's existing right-of-way.

Please sign, date and email a copy of this addendum back to me today to indicate receipt. A copy of each addendum is to be returned with your bid package.

Company Name	Date
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Signature

PROCUREMENT CALENDAR (SCHEDULE) OF EVENTS
DESIGN BUILD, ADJUSTED SCORE

(Stipends)

E2L64

State Financial Project # 2133451-52-01 and 2133451-56-01

FEDERAL PROJECT # 2955 281 I (EBNH & NHAC FUNDS)

FHWA FULL OVERSIGHT

The Project is Design Build for a new I-295 Interchange at Collins Road, and for the construction of a concrete collector-distributor road system, which includes capacity improvements for the Blanding Boulevard northbound on-ramp to I-295 southbound and for the resurfacing of Blanding Boulevard from the Clay County line to Collins Road.

Prequalification for **Design** are:

3.2 Major Highway Design, and

3.3 Controlled Access Highway Design and

4.1.2 Minor bridge design. (must be prequalified in all three)

Prequalification for **Construction** is:

Grading and Drainage and Portland Cement Concrete (must be prequalified in all three)

Websites where advertisement and posting of public information will be:

Professional Services website:

<http://www2.dot.state.fl.us/procurement/ads/advdbld.htm>;

Vender Bid System:

http://vbs.dms.state.fl.us/vbs/main_menu and

District Two District Contract website:

www.dot.state.fl.us/contractsadministration/district2/

Move out to July 19 (Monday) 8:00 a.m.

Deadline for posting questions to website:

www2.dot.state.fl.us/construction/bidquestionmain.asp

(Watch daily for questions as they come in - they will be answered.)

Move out to July 23, 2010 (Friday) 5:00 p.m.

Deadline for FDOT to answer questions to website

Move out to July 30, 2010 (Friday) 2:00 p.m.

Deadline for receipt of Technical Proposals

Move out to August 13, 2010 (Friday) all day in alphabetical order

Technical Review Committee Meeting to ask fact finding questions to each proposer in a one on one meeting

Move out to August 27, 2010 (Friday) 2:00 p.m.

Technical Review Committee presents scores

Move out to August 27, 2010 (Friday) 2:00 p.m.

Price package due/opened/added to scoring sheets

Move out to August 31, 2010 (Tuesday) 8:30 a.m.

Executive (Selection) Committee meeting

Move out to August 31, 2010 (Tuesday) 12:00 noon

Concurrence Letter to FHWA by email for approval

Note: Anticipating FHWA approval before two weeks timeframe allowed.

Move out to September 7, 2010 (Tuesday) 10:00 a. m.

Award encumbrance to be requested and received

Move out to September 7, 2010 (Tuesday) 4:15 p.m.

Posting for award of the project begins

Move out to September 10, 2010 (Friday) 5:00 p.m.

Posting for award ends for the project

Move out to September 13, 2010 (Monday)

Project award by email for signing/overnight return
w/bond/insurance

Move out to September 17, 2010 (Friday)

Execution of contract by FDOT

Move out to October 4, 2010 (Monday) 10:00 a.m.

Kick off Meeting (this is subject to be changed by Const.)

Move out to October 18, 2010 (Monday)

Notice to Proceed (to be set by Const.)

Appointments for meetings with shortlisted proposers for Fact Finding Questions shall be in alphabetical order at following times on date specified with lead Design Build Engineer and Technical Review Committee members:

08:30 a.m.

10:30 a.m.

01:30 p.m.

03:30 p.m.

Public Meetings to be held in the Madison Room of the Florida Department of Transportation, District 2, located at 1109 S. Marion Avenue, Lake City, Florida 32025-5874.

Anyone needing special accommodations under the Americans with Disabilities Act of 1990 should send an e-mail to: patsy.elkins@dot.state.fl.us or call telephone number (386)758-3703. Special accommodation requests under the Americans with Disabilities Act should be made at least seven days prior to the public meeting.